

AMENDMENTS TO THE CLAIMS

1. (Original) Thin strip or foil between 6 μm and 200 μm thick, and preferably between 6 μm and 50 μm thick, of an alloy with the following composition (% by weight):

Si : 1.0 – 1.5; Fe : 1.0 – 1.5; Cu < 0.2; Mn < 0.1; other elements < 0.05 each and < 0.15 total, remainder Al, with an ultimate tensile strength R_m in the annealed temper > 110 MPa for thicknesses > 9 μm and > 100 MPa for thicknesses between 6 μm and 9 μm .

2. (Currently amended) Thin strip or foil according to claim 1, characterized characterised in that it has an ultimate tensile strength R_m in the annealed temper > 115 MPa for thicknesses > 9 μm .

3. (Currently amended) Thin strip or foil according claim 1, characterized to one of claims 1 or 2, characterized in that it has a yield stress $R_{0.2} > 70$ MPa.

4. (Currently amended) Thin strip or foil according to claim 1, characterized one of claims 1 to 3, characterized in that its ultimate elongation A is a function of the thickness, as follows:

Thickness (μm)	A (%) greater than	and preferably than
6 – 9	3	4
9 – 15	5	7
15 – 25	10	15
25 – 50	18	25
50 – 200	20	25

5. (Currently amended) Thin strip or foil according to claim 1, characterized one of claims 1 to 4, characterized in that the alloy has a composition such that $\text{Si}/\text{Fe} \geq 0.95$.

6. (Currently amended) Thin strip or foil according to claim 1, characterized one of claims 1 to 5, characterised in that the silicon content of the alloy is between 1.1% and 1.3% and its iron content is between 1.0% and 1.2%.

7. (Original) Manufacturing process for thin strips thinner than 200 μm made of an Al-Fe-Si alloy with composition (% by weight):

Si :1.0 – 1.5; Fe : 1.0 – 1.5; Cu < 0.2; Mn < 0.1; other elements < 0.05 each and < 0.15 total, remainder Al,

including the preparation of a first strip either by vertical semi-continuous casting of a plate and hot rolling, or by continuous casting possibly followed by hot rolling, cold rolling of this first strip down to the final thickness, possibly with intermediate annealing at a temperature between 250°C and 350°C, and preferably between 280°C and 340°C, and final annealing at a temperature between 200°C and 370°C.

8. (Currently amended) Process according to claim 7, characterized characterised in that the alloy has a composition such that $\text{Si}/\text{Fe} \geq 0.95$.

9. (Currently amended) Process according to claim 7, characterized one of claims 7 or 8, characterised in that the first strip is subjected to an homogenisation at a temperature between 450 and 500°C before cold rolling.

10. (Currently amended) Process according to claim 7, characterized one of claims 7 to 9, characterised in that the strip is prepared by continuous twin-roll casting.